

Converting Colors

XYZ(24.2669, 33.1715, 24.6430)

Have a look what the booklet for
XYZ(24.2669, 33.1715, 24.6430)
contains.

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Color

**XYZ(24.1963, 33.1078,
24.5172)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA97D
RGB	109, 169, 125
RGB Percent	43%, 66%, 49%
CMY	0.5725, 0.3372, 0.5098
CMYK	0.36, 0.00, 0.26, 0.34
HSL	136°, 26%, 55%
HSV	136°, 36%, 66%
XYZ	24.1963, 33.1078, 24.5172
YIQ	146.0440, -21.6360, -26.4040

Conversions

Conversions Part 2

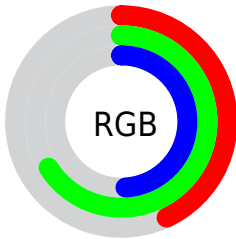
Format	Color
RYB	109, 156, 169
Decimal	7186813
CIELab	64.25, -29.01, 16.68
CIElCh	64, 33.464, 150.095
Yxy	33.1078, 0.2957, 0.4046
Android (android.graphics.Color)	4285376893 (0xFF6DA97D)
YUV	146.0440, -10.3747, -32.4876
Hunter-Lab	57.5394, -25.6316, 15.0144

Details

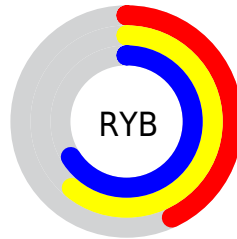
The XYZ color **24.1963, 33.1078, 24.5172** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.5817, 21.6729, 32.8678**, and the grayscale version is **27.3879, 28.8142, 31.3786**.

A 20% lighter version of the original color is **49.8614, 64.7462, 51.9888**, and **9.2948, 13.9121, 9.0329** is the 20% darker color. If you saturate the color by 10%, you get **21.5709, 31.8411, 20.5164**, and if you desaturate by 10%, it is **27.3220, 34.6228, 29.0587**.

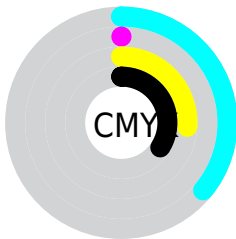
Distribution



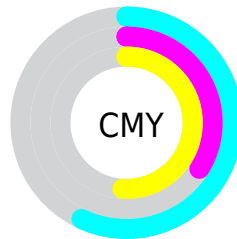
- Red (43%)
- Green (66%)
- Blue (49%)



- Red (43%)
- Yellow (61%)
- Blue (66%)



- Cyan (36%)
- Magenta (0%)
- Yellow (26%)
- Black (34%)



- Cyan (57%)
- Magenta (34%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1963, 33.1078, 24.5172 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 24.1963, 33.1078, 24.5172 by changing the saturation by 10% instead.

■ 24.1963, 33.1078,
24.5172

■ 24.1963, 33.1078,
24.5172

266.2335,
316.1352, 288.7953

■ 15.6048, 22.2090,
15.5020

■ 49.8027, 64.5438,
51.8273

■ 9.3340, 14.0106,
9.0219

■ 67.5483, 85.8498,
70.9592

■ 5.0185, 8.1280,
4.6585

■ 89.0760, 111.3937,
94.3004

■ 2.2930, 4.1770,
1.9931

■ 114.7512,
141.5599, 122.2695

■ 0.7911, 1.7730,
0.5510

144.9392,
176.7327, 155.2850

■ 0.0000, 0.4703,
0.0000

180.0053,

■ 0.0000, 0.0000,

217.2966, 193.7654

0.0000

220.3150,
263.6360, 238.1293

■ 24.1963, 33.1078,
24.5172

■ 24.1963, 33.1078,
24.5172

■ 21.5709, 31.8411,
20.5164

■ 27.3220, 34.6228,
29.0587

■ 19.4166, 30.8054,
17.0337

■ 30.9700, 36.3944,
34.1576

■ 17.7050, 29.9874,
14.0486


■ 35.1641, 38.4352,
39.8329


■ 16.4037, 29.3707,
11.5381


■ 39.9259, 40.7562,
46.1019


■ 15.4754, 28.9368,
9.4773


■ 45.2757, 43.3674,
52.9811

 14.8733, 28.6621,
7.8389

 51.2329, 46.2785,
60.4866

 14.6635, 28.5672,
7.2306

 57.8160, 49.4987,
68.6337

 65.0426, 53.0368,
77.4371

 70.6481, 55.7250,
86.8045

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.1069, 33.1078, 17.8234



24.1963, 33.1078, 24.5172



23.1899, 33.1078, 36.0920

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.1963, 33.1078, 24.5172



31.4831, 33.1078, 69.0417



40.0498, 33.1078, 24.4594

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.1963, 33.1078, 24.5172



27.5817, 21.6729, 32.8678

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.5132, 33.1078, 36.0056



24.1963, 33.1078, 24.5172



36.2734, 33.1078, 63.7455

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.1963, 33.1078, 24.5172



27.1306, 33.1078, 63.8087



40.0676, 33.1078, 50.7254



36.2446, 33.1078, 17.7965

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.1963, 33.1078, 24.5172



23.6465, 33.1078, 45.8029



40.0676, 33.1078, 50.7254



40.8480, 33.1078, 27.7882

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.1972, 33.1092, 24.5179



58.5758, 66.6912, 65.4206



30.2759, 36.3516, 19.8892



12.5603, 14.4352, 13.9780



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.1972, 33.1092, 24.5179



39.3843, 57.3865, 37.9173



26.3284, 33.9617, 35.7407



7.5158, 8.4394, 8.4366



10.9478, 21.2979, 5.4918



0.2871, 0.5265, 0.2427

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.5817, 21.6729, 32.8678



46.3924, 33.6761, 55.1846



25.4699, 20.8282, 21.7472



7.7552, 7.6320, 9.0283



14.9260, 7.3791, 14.9538



0.3826, 0.1873, 0.4664

Previews

White Background



This preview shows how the XYZ color 24.1963, 33.1078, 24.5172 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.1963, 33.1078, 24.5172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

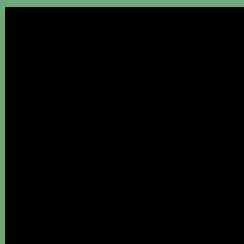
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1963, 33.1078, 24.5172

Background



This preview shows how black text looks on a background with the XYZ color 24.1963, 33.1078, 24.5172.



This preview shows how white text looks on a background with the XYZ color 24.1963, 33.1078,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.1963, 33.1078, 24.5172

Protanopia

30.7172, 32.8577, 21.8627

Deuteranopia

33.3003, 32.6636, 25.3185



Tritanopia

28.2659, 32.8577, 45.4098

Trichromacy



Original Color

24.1963, 33.1078, 24.5172

Protanomaly

27.6991, 32.5418, 22.9105

Deuteranomaly

29.1112, 32.2055, 25.1040

Tritanomaly

26.6112, 32.9894, 36.8633

Monochromacy



Original Color

24.1963, 33.1078, 24.5172

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.8159, 29.9327, 28.4617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1963, 33.1078, 24.5172 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(109, 169, 125)` looks like.

```
.text, #text, p{  
    color:rgb(109, 169, 125)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(109, 169, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 169, 125) }
```

Border

The CSS property to change the border of an element to XYZ 24.1963, 33.1078, 24.5172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 169, 125) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(109, 169, 125) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(109, 169, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 169, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 169, 125);  
box-shadow:4px 4px 4px 4px rgb(109, 169,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1963, 33.1078, 24.5172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 169, 125) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(109,  
169, 125) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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